

LOW ENERGY OPERATORS



← HOSPITAL
EMERGENCY P

Norton[®]
ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

5800 SERIES ADAEZ® PRO



Regenerative Power for High Usage, Heavy-Duty Applications

BENEFITS

Easy to Install

- Regenerative Power System eliminates need to wire power to opening

Flexible

- Controls doors up to 48" wide and 250 lbs in weight
- Meets requirements for Americans with Disabilities Act (ADA)

Maintenance Free

- Integral LED battery charge indicator
- Acts like a manual door closer

Dependable

- Grade 1 - heavy-duty, commercial design
- Brushless DC motor/gearbox tested in excess of 10 million cycles
- Dynamic braking for high wind applications
- Electronic backcheck for abusive environments

APPLICATIONS

- Retail Outlets
- Banks
- Schools / Universities
- Casinos
- Hospitals

5800 SERIES ADAEZ® PRO PLUS



Low Voltage Operation for High Usage, Heavy-Duty Applications

BENEFITS

Easy to Install

- 24VDC transformer kit allows unit to plug into an outlet

Flexible

- Controls doors up to 48" wide and 250 lbs in weight
- Meets requirements for Americans with Disabilities Act (ADA)
- Push-and-Go - selectable on or off

Maintenance Free

- Built-in battery back-up
- Acts like a manual door closer

Dependable

- Grade 1 - heavy-duty, commercial design
- Brushless DC motor/gearbox tested in excess of 10 million cycles
- Dynamic braking for high wind applications
- Electronic backcheck for abusive environments
- Power Close ensures consistent door latching

APPLICATIONS

- Schools Universities
- Banks
- Retail Outlets
- Casinos
- Hospitals

6000 SERIES



Intelligence and Superior Control for High Usage, Heavy Duty Applications

BENEFITS

Easy Installation and Commissioning

- Modular construction for easy, one person installation
- LCD screen and joystick controller ease setup without special tools or training

Flexible

- Large onboard power supply to handle multiple system peripherals
- Optional smoke evacuation “blow-open” configuration
- Interfaces with electric hardware and integrates with access control

Reliable and Durable Operation

- Uses 7500 Series heavy duty door closer for reliable door control
- Advanced on board diagnostics with direct read-out provides information to facilitate preventative maintenance

APPLICATIONS

- Government Buildings
- Sports Arenas
- Convention Centers
- Hospitals
- Main Entrances for Office/Industrial Buildings

5700 SERIES



Quiet and Simple Design for Moderate Usage, Medium Duty Applications

BENEFITS

- Easy and fast setup
- Optional power cord eases installation on existing openings
- Uses 1601 Series closer for reliable door control
- Coordinates and powers electric strike

APPLICATIONS

- Dorm Rooms
- Doctors' Offices
- Retirement Facilities
- Worship Centers

U.S. Patents 5,881,497; 7,316,096; 7,484,333 and Canada 2,568,877

Low Energy Operators: Make Every Door Opening Barrier Free

Automate virtually any door with Norton's family of Low Energy Operators. Appropriate for a variety of openings including main entrance doors, office doors or public restrooms, these operators provide smooth, quiet automatic door control for easy accessibility.

FEATURES	ELECTROHYDRAULIC		ELECTROMECHANICAL		
	6000	5700	5900	5800	5600
Non-Handed	Yes	Yes	Yes	Yes	Yes
Push or Pull Side Mounting	Yes	Yes	Yes	Yes	Yes
Push and Go	Yes	No	Yes	Yes~	Yes
Obstruction Detection	Open/Close	Open	Open/Close	Open	Open/Close
Backcheck standard	Yes	Yes	Yes	Yes	Yes
Dynamic braking	No	No	Yes	Yes	No
Power Close	No	No	Yes	Yes~	No
Infinite Hold Open	Yes	No	Yes	Yes#	No
Door Traffic	H	M	H	H	L
Use on Exterior Doors*	Yes	Yes	Yes	Yes	No
Use on Fire Rated Doors	Yes	Yes	Yes	No	No
Use with Actuation Devices: Push Buttons, RF and Hands Free	Yes	Yes	Yes	Yes	Yes
Integration with Access Control Systems	Yes	Yes	Yes	Yes	Yes
Blow Open Function for Smoke Ventilation	Yes**	No	No	No	No
Warranty	2 yrs	2 yrs	2 yrs	2 yrs	1 yr
SPECIFICATIONS					
Maximum Door Weight [^]	250 lbs	250 lbs	200 lbs	250 lbs	150 lbs
Current Draw	.9A	.6A	.75A	.4A	.6A
Onboard Power Supply for Accessories	1.3A	1.1A	0.4A	N/A	1.1A
REGULATORY					
ADA	Yes	Yes	Yes	Yes	Yes
BHMA Certified to A156.19	Yes	Yes	Yes	Yes	No
Meets UBC 7.2 (1997) and UL10C Positive Pressure Requirements	Yes	Yes	Yes	No	No
Conforms to ANSI/UL 325	Yes (ETL)	Yes (UL)	Yes (UL)	Yes (ETL)	Yes (ETL)

* Operator must be mounted on the inside of exterior door

** Factory configurable

[^] Consult product catalog for recommended door sizes

Auxiliary switch required

~ PRO PLUS only

GLOSSARY

Push and Go: As the door is manually opened, the operator "senses" movement and opens the door to the full-open position.

Obstruction Detection:

Open: The door closes if it hits an obstruction while opening.

Close: The door re-opens (once) if it hits an obstruction while closing. If the door hits the obstruction again, the door will rest against the obstruction until it is removed.

Blow Open Function: Upon initiation of signal from the fire/smoke alarm, the door will open allowing heat and smoke ventilation.

5900 SERIES



Full-Featured, Extremely Quiet for High Usage, Heavy Duty Applications

BENEFITS

Easy Installation and Commissioning

- Easy commissioning with one-touch programming

Flexible

- Synchronizes for paired door applications
- Interfaces with electric hardware and integrates with access control

Reliable and Durable Operation

- Configurable for power latch and/or stack pressure compensation
- On-board diagnostics facilitates preventative maintenance

APPLICATIONS

- Assisted Living Facilities
- Hospitals
- Government Buildings
- Convention Center

5600 SERIES



Simple Control for Light Duty Applications

BENEFITS

- Easy and economical barrier free conversion for existing doors
- Ideal for "hands-free" environments such as public restrooms
- Coordinates and powers electric strike
- Aesthetically-pleasing compact design

APPLICATIONS

- Public Restrooms
- Supply Closets
- Office Doors
- Non-Fire Rated Openings

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

Norton: A Leader in Door Control

Norton offers a comprehensive line of door controls designed and manufactured to ensure superior performance and reliability. They are used in institutional and commercial facilities throughout the world.

Founded in 1880 by Lewis C. Norton, the company began manufacturing and marketing the first practical commercial door closers. Over the years, Norton Door Controls refined the rack and pinion closer and the concept of valve controlled backcheck for hydraulic closers. Now an ASSA ABLOY Group company, Norton Door Controls offers traditional surface, overhead concealed, security, commercial, architectural, and electrified closers as well as low energy operators.



For a complete listing of products please visit our website

Norton Door Controls
Tel: 877-974-2255
www.nortondoорcontrols.com

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Contact your local ASSA ABLOY Door Security Solutions representative about the Preferred Installer Program